

**Subject: FW: RMD PbI2-HgI2 samples**

**Date:** Wednesday, June 6, 2007 2:43 PM

**From:** George Zentai <George.Zentai@varian.com>

**To:** Larry Partain <Larry.Partain@varian.com>, Keith Askoff <Keith.Askoff@varian.com>, <angelo\_gaz@bstz.com>

**Conversation:** RMD PbI2-HgI2 samples

Here is the first E-mail I found in which we reported the first results on heterojunction samples. Is November 14, 2002 early enough date?

Regards,

George

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**From:** Raisa Pavlyuchkova [mailto:[raisa.pavlyuchkova@grc.varian.com](mailto:raisa.pavlyuchkova@grc.varian.com)]

**Sent:** Thursday, November 14, 2002 9:03 AM

**To:** [george.zentai@varian.com](mailto:george.zentai@varian.com)

**Subject:** RE: RMD PbI2-HgI2 samples

George,

I finished sensitivity measurements of these samples yesterday.

I attached a file with graphs for dark current, sensitivity and detector response to radiation.

For the sample with thicker PbI<sub>2</sub> layer there are data only for two contacts, the third contact shorted.

Raisa

-----Original Message-----

**From:** George Zentai [mailto:[george.zentai@varian.com](mailto:george.zentai@varian.com)]

**Sent:** Thursday, November 14, 2002 5:45 AM

**To:** Raisa Pavlyuchkova

**Subject:** RMD PbI2-HgI2 samples

Hi Raisa,

I have talked to Kanai and he is very much interested in the results of the PbI<sub>2</sub>-HgI<sub>2</sub> heterojunction samples. Have you already tested these samples for dark current and sensitivity? If yes could you send me some preliminary results?

Thanks,

George